



# Crop Weather Report

**Issue: 09-01**  
Issued: Weekly: Apr-Oct  
Monthly: Nov-Mar

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For the Month Ending:  
Jan. 31, 2009

## Weather Summary

Most of Montana received below normal moisture for the month ending January 31<sup>st</sup>. Seeley Lake received the most monthly accumulated precipitation with 4.70 inches. Temperatures during the month of January were above normal. Highs were mostly in the 50s and 60s, and lows ranged from negative 30s to negative teens. Stanford had the high temperature of 67 degrees, and St. Marie had the low temperature of minus 38 degrees. Topsoil moisture adequate and surplus, at 81 percent, is slightly below last month's 82 percent but above last year's 32 percent. Subsoil moisture adequate and surplus is 67 percent, above last month's 66 percent and last year's 21 percent.

The weather outlook for February 9<sup>th</sup> through February 15<sup>th</sup> is for below normal temperatures and above normal precipitation for east of the continental divide and for below normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the middle 20s to the upper 30s and lows ranging from 5 degrees to the upper teens.

## Livestock Report

Thirty-six percent of pastures are closed for livestock grazing compared to 20 percent last year. Recent moisture and cold temperatures increased the need for supplemental feeding. Hay supplies are being used up fast with only about one fourth of the pastures being open. Ranchers have started calving and lambing.

Range & Livestock Table	This Month	Last Month	Last Year
<b>Livestock Birthing</b>			
Calving Completed	5	n/a	4
Lambing Completed	2	n/a	1
<b>Livestock Grazing</b>			
Open	20	13	51
Difficult	44	54	29
Closed	36	33	20
<b>Livestock Receiving Supplemental Feed</b>			
Cattle and Calves	94	93	96
Sheep and Lambs	95	95	95

Soil Moisture & Field Work Table	This Month	Last Month	Last Year
<b>Topsoil Moisture</b>			
Very Short	3	2	27
Short	16	16	41
Adequate	77	75	31
Surplus	4	7	1
<b>Subsoil Moisture</b>			
Very Short	10	12	39
Short	23	22	40
Adequate	65	64	20
Surplus	2	2	1

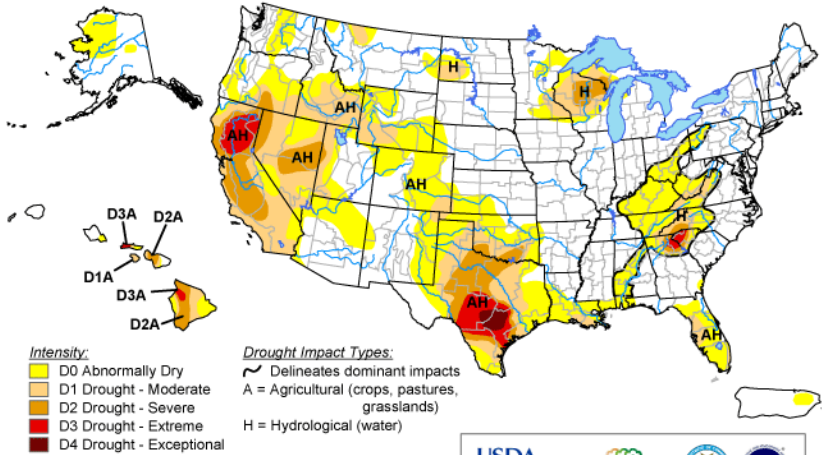
## Field Crops Report

Winter wheat conditions declined since last month, but are above last year with 68 percent good to excellent compared to 32 percent last year. Snow cover declined from the previous month with snow cover rated mostly fair to good. High winds and variable temperatures across most of the state caused less damage to winter wheat compared to last year.

Crop Condition Table	This Month	Last Month	Last Year
<b>Winter Wheat</b>			
Very Poor	1	1	3
Poor	3	4	12
Fair	28	20	53
Good	59	61	29
Excellent	9	14	3
<b>Winter Wheat- Wind Damage</b>			
None	69	79	47
Light	26	19	43
Moderate	4	2	9
Heavy	1	0	1
<b>Winter Wheat- Freeze and Drought Damage</b>			
None	56	85	47
Light	41	14	41
Moderate	3	1	11
Heavy	0	0	1
<b>Winter Wheat- Protectiveness of Snow Cover</b>			
Very Poor	6	2	45
Poor	11	4	33
Fair	39	17	11
Good	24	32	8
Excellent	20	45	3

## U.S. Drought Monitor

January 27, 2009  
Valid 8 a.m. EST



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://drought.unl.edu/dm>



Released Thursday, January 29, 2009  
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THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:  
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents  
USDA County Service Centers

Weather Information for the month ending 01/31/2009

Station	Temperature				Precipitation January			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
<b>NORTHWEST</b>										
Alberton	48	-9	26	+3	1.63	+0.57	154	8.53	+4.52	213
Anaconda	51	-17	27	+3	0.82	+0.24	141	5.17	+2.29	180
Clinton	46	-11	26	+8	0.96	-0.52	65	4.46	-1.17	79
Corvallis	51	-10	29	+3	0.51	-0.20	72	3.49	+0.47	116
Creston	46	-8	26	+4	1.50	+0.18	114	5.33	-0.37	94
Deer Lodge	47	-18	24	+2	0.13	-0.20	39	2.36	+0.70	142
Drummond	44	-20	23	+3	0.95	+0.16	120	4.79	+1.64	152
Hamilton	51	-8	28	+3	1.08	-0.03	97	5.36	+1.31	132
Kalispell	46	-12	25	+4	1.82	+0.35	124	5.71	+0.16	103
Missoula	48	-7	26	+3	0.69	-0.37	65	4.36	+0.35	109
Olney	40	-15	18	+1	2.97	+0.58	124	8.93	+0.45	105
Polson	46	-1	28	+2	0.97	-0.14	87	4.19	-0.31	93
St Ignatius	51	-7	29	+3	0.61	-0.38	62	5.63	+1.37	132
Seeley Lake	45	-29	23	+3	4.70	+2.26	193	11.81	+3.18	137
Sula	45	-27	22	+2	2.65	+1.69	276	6.60	+2.33	155
Superior	42	-6	27	+0	1.63	+0.15	110	6.84	+0.91	115
Swan Lake	45	-16	24	+4	3.46	+0.48	116	10.42	-1.82	85
Thompson Falls	47	0	29	+2	3.84	+1.25	148	9.30	-0.40	96
West Glacier	44	-16	23	+2	4.01	+0.85	127	11.18	-0.42	96
<b>NORTH CENTRAL</b>										
Chester	46	-34	16	+0	1.50	+1.12	395	4.42	+2.81	275
Chinook	47	-34	13	+0	0.61	+0.07	113	3.07	+0.91	142
Choteau	63	-24	27	+5	0.40	+0.15	160	1.53	+0.30	124
Cut Bank	58	-20	26	+8	0.03	-0.36	8	0.64	-0.95	40
Ft Assiniboine	43	-26	16	+2	0.86	+0.38	179	3.83	+1.60	172
Fort Benton	58	-21	25	+3	0.78	+0.23	142	3.24	+0.84	135
Goldbutte	59	-26	23	+5	0.33	-0.09	79	2.20	+0.12	106
Harlem	45	-36	14	+0	0.80	+0.39	195	2.89	+1.14	165
Havre	42	-27	16	+2	0.48	+0.01	102	2.55	+0.51	125
Malta	48	-30	16	+6	0.56	+0.18	147	3.41	+1.36	166
Rudyard	47	-34	16	-2	0.81	+0.56	324	3.16	+1.94	259
Shelby	55	-22	24	+6	0.49	+0.05	111	1.51	-0.43	78
Turner	41	-27	13	+2	0.22	-0.07	76	1.91	+0.25	115
Valier	61	-30	26	+5	0.35	+0.04	113	1.52	-0.03	98
<b>NORTHEAST</b>										
Bredette	43	-23	10	-2	0.67	+0.39	239	4.27	+2.59	254
Culbertson	42	-34	10	-1	0.59	+0.28	190	4.00	+2.07	207
Glasgow	44	-28	11	+1	0.35	+0.00	100	2.97	+1.16	164
Glendive	47	-18	19	+6	0.20	-0.21	49	2.75	+0.47	121
Jordan	48	-17	19	+5	0.48	-0.03	94	3.25	+0.93	140
Nashua	47	-30	12	-4	0.32	+0.03	110	3.37	+1.71	203
Opheim	41	-29	11	+3	0.91	+0.65	350	2.69	+1.19	179
Plentywood	39	-38	8	-2	0.87	+0.53	256	4.02	+2.21	222
St Marie	42	-22	12	+2	0.20	-0.15	57	1.41	-0.40	78
Scobey	40	-36	10	+2	0.91	+0.65	350	3.57	+2.01	229
Sidney	44	-27	14	+1	0.34	-0.07	83	3.46	+0.94	137
Wolf Point	42	-32	11	-1	0.17	-0.28	38	1.79	-0.09	95
<b>CENTRAL</b>										
Cascade	63	-23	26	+3	0.42	-0.08	84	2.46	+0.07	103
Grass Range	61	-16	28	+5	0.84	+0.05	106	4.23	+1.28	143
Great Falls	57	-20	28	+7	0.52	-0.16	76	3.23	+0.37	113
Harlowton	62	-20	26	+4	0.55	+0.10	122	2.32	+0.11	105
Helena	55	-8	29	+10	0.42	-0.10	81	2.41	+0.30	114
Lewistown	52	-17	25	+5	0.67	-0.22	75	3.03	-0.48	86
Martinsdale	58	-22	28	+5	0.52	+0.03	106	2.74	+0.47	121
Neihart	58	-21	24	+0	0.80	-0.15	84	5.01	+0.68	116
Rogers Pass	52	-25	25	+5	0.59	-0.20	75	3.59	+0.19	106
Roundup	62	-16	30	+6	0.27	-0.16	63	3.26	+1.02	146
Ryegate	62	-16	25	+5	0.45	-0.07	87	2.63	+0.38	117
Stanford	67	-20	28	+5	0.44	-0.25	64	2.84	-0.13	96
Townsend	53	-19	25	+2	0.19	-0.16	54	1.89	+0.19	111
Valentine	51	-21	19	+5	0.76	+0.14	123	3.56	+1.20	151
Wht Sulphur Spr	48	-17	24	+4	0.48	+0.01	102	3.45	+1.10	147
<b>SOUTHWEST</b>										
Boulder	53	-17	27	+6	0.38	-0.02	95	2.72	+0.73	137
Bozeman	54	-17	27	+4	0.21	-0.63	25	4.09	-0.22	95
Butte	44	-24	24	+7	0.15	-0.38	28	2.09	-0.35	86
Dillon	51	-20	27	+5	0.04	-0.22	15	0.97	-0.50	66
Ennis	52	-19	25	+2	0.10	-0.36	22	1.95	-0.58	77
Lakeview	44	-24	20	+8	0.37	-0.51	42	3.97	-0.62	86
W Yellowstone	44	-21	21	+9	1.79	-0.17	91	6.58	-1.02	87
Wisdom	41	-35	17	+4	1.20	+0.58	194	4.04	+1.18	141
<b>SOUTH CENTRAL</b>										
Billings	62	-3	31	+7	0.43	-0.38	53	3.76	+0.29	108
Cooke City	48	-17	26	+14	0.33	-1.96	14	3.06	-5.13	37
Gardiner	47	-4	25	+3	0.34	-0.03	92	1.70	-0.49	78
Hardin	58	-15	28	+5	0.40	-0.21	66	2.91	-0.03	99
Huntley	60	-21	27	+7	0.41	-0.18	69	4.28	+1.33	145
Hysham	55	-12	25	+5	0.58	+0.07	114	4.88	+2.16	179
Joliet	60	-14	27	+6	0.38	-0.36	51	3.17	-0.44	88
Livingston	57	-12	31	+6	0.01	-0.63	2	1.29	-1.82	41
Nye	66	-16	30	+2	0.11	-0.52	17	3.37	-0.15	96
Rapelje	63	-16	28	+4	0.33	-0.30	52	2.85	-0.24	92
<b>SOUTHEAST</b>										
Albion	49	-10	21	+7	1.10	+0.81	379	5.31	+3.12	242
Baker	44	-14	18	+3	0.17	-0.38	31	2.40	-0.38	86
Broadus	58	-16	26	+6	0.32	-0.17	65	3.66	+0.86	131
Ekalaka	48	-13	21	+3	0.23	-0.36	39	4.35	+0.85	124
Miles City	46	-15	21	+4	0.10	-0.40	20	2.53	-0.05	98
Plevna	45	-25	17	+2	0.22	-0.33	40	3.29	+0.51	118